

Scope Specs Table

SHORT Scopes — and 3-12x and 3-9x Scopes

Bottom Magni. = 3x or lower

Top Magni. = 9x to 12x (or more magni. if 13" short)

with 10y-Side Parallax

Exposed Turrets

Holdoff Reticle

Under \$500 (most are under \$200-300)

May 13, 2020 | Matthias aka JungleShooter | JungleShooterX@gmail.com

Requirements for this Table (few exceptions are included)

Bottom magnification = 3x or lower

Top magnification = between 9x and 12x | if a scope has a higher top magnification it is listed
only if the scope is 13" (33cm) or shorter

Minimum Parallax = 10 yards or less

Turrets = Exposed

Side Parallax Adjustment

Reticle = Holdoff reticle (evenly spaced hash lines or dots for aiming with holdoff/ holdover;
some exceptions are listed due to their exceptionally light weight or short size)

Price = between \$200 and \$500 (most are between \$200 and \$300)

Abbreviations in the Table

Green is a good thing... – e.g.: a very good warranty or FoV, a higher than average top magnification, a larger than average elevation adjustment range, a shorter size or lighter weight than average, an additional feature (bubble level, zero stop, turret turn counter, numbers on the hash lines of the reticle), etc.

Red is less of a good thing... – e.g.: a not so great warranty or FoV, a lower than average top magnification, a longer size or heavier weight than average, a small exit pupil (reducing the eye box), or a negative feature (min. parallax more than 10y, capped turrets, higher than the max. price that was set for this scope table), etc.

Orange is a caution flag, a marginal feature or characteristic... – e.g.: warranty limitations, a marginal FoV, a smaller than average objective diameter for less light (supposedly), an uneven number of mils or moas per turret turn (not multiples of 5mil or 10moa), a 34mm tube (limiting scope mount choices), a price so low as to shed doubt on the quality of the scope, etc.

SFP vs. **FFP** = table starts with **SFP** (*second focal plane*) scopes, then *first focal plane* (**FFP**)

Price \$ Low = lowest prices in US dollars I found in 2019 (some 2020) [additional price separated by a *comma* , – and separated by a *semicolon* ; from the manufacturer's price]

Price Mfctr.'s = manufacturer's price [last price in that field, after the semicolon ;]

No. = the manufacturer's product or parts number; helpful to identify the scope at a seller's page as some scopes are very similar and the seller's description is either misleading or insufficient to identify the scope with certainty; also for shopping for the lowest price it helps to enter the number in the search

Discont. = product has been discontinued (but still could be purchased used)

Warranty Info: **Life** = life time warranty | **5y** = 5 years warranty | **OOwn** = warranty only for the original owner | **Unlmt** = unlimited warranty | **Anyb.** = warranty applies to any owner, anybody (e.g., even if you bought it used) | **NoRec.** = no receipt (proof of purchase) required | **Rec.** [or: *R.*] = receipt (proof of purchase) required

FoV = Field of View (in ft at 100y): A large FoV at the bottom end of the magnification range is important for *hurried close range shooting*, as the large FoV helps rapid target acquisition. Note that a wide FoV is not critical for *unhurried target shooting*. The color coding is based on my very personal, unabashedly subjective estimation that *for my kind of hurried close range shooting* I'd like to have a FoV of at least 3ft at 10y (which translates to 30ft @100y in the scope specs, color coded black). The color coding is applied irrespective of the scope's magnification, so naturally 6-24x scopes for example don't usually get a green rating, but orange or red.

42ft or more | **41-36ft** | 35-30ft | **29-23ft** | **22-17ft** | **16ft or less**

IR = illuminated reticle [Y = yes | **NO**]

Reticle: **D** = "dots" = enough dots or hash lines on the crosshairs for holdoffs

N = "numbers" = the dots or hash lines are numbered for quicker holdoffs

Grid = the reticle is a grid style ("Christmas tree style"), for simultaneous elevation and windage holdoffs

BDC = bullet drop compensating reticle, meaning that the spacing between the hash lines is uneven and therefore not usable for holdoffs unless shooting the ammo the reticle was calibrated for

Capped Turrets! **BUT Clickable** = means that though the turrets are capped, when uncapped they are finger adjustable, the numbers are visible from behind the rifle, and the zero can be reset

A little caution for using short scopes: Short scopes have short tubes. That means: • Less flexibility of where to put scope rings, especially if the magazine of a PCP sticks up between a two-part scope rail. | • Less flexibility of where to put a voluminous scope ring (like the Burris XTR) that can obstruct your view of the turret settings if it is mounted smack next to it. | • Less space to mount anything else on the scope tube: bubble level, flashlight holder, IR gear, etc.

				Magni. → FoV		Obj. → Eye Box		Exposed Turrets				Holdoff Reticle				Dimensions				
in 2019, some 2020	Price \$: Low; Mfctr.'s	Warranty	Springer-Red	Magnification	FoV =Field of View @ 100y (ft)	Obj. Dia ∅ (mm)	Exit Pupil (mm) → Y/N	IR	Max. Elev. Adjustmt (in MOA)	1 Click =	1 T. Turn =	Turrets in:	Reticle in:	FFP- SFP (Calibration)	Enough Dots, No's	Line Thick- ness	1" or 30mm Tube	Weight (oz) (g)	Length (inch) (cm)	Misc. + Reviewers' "Comments"
				SFP Scopes												at max.				
Monstrum: V2 Tactical AO <small>No. S31242-M-RGAO-V2-1</small>	?; 100	1y, R. O.Own	?	3-12x	?	42	?	Y	??	¼ inch	15(?) inch	SMOA≠	≠MIL	SFP	D		30	22.4 635g	11.5" 29c	Capped Turrets! BUT Clickable
Bushnell: AR Optics Rifle Scope	?; 170	Life, NoRec	?	3-12x	29-7	40	?	NO	50 Elev. 85 Wind.	0.1 mil	6 mil	MIL	None! (BDC)	SFP	None! (BDC)		1"	19.0 539g	12" 31c	T Turn Counter
Bushnell: Trophy	130;	Life, NoRec	?	4-12x	29-10	40	?	NO	60	?	?	MIL	None! X-Hairs	SFP	None! X-Hairs		1"	16.4 464g	12.8" 33c	Capped Turrets! specifics unknown
Bushnell: Prime	234; 304	Life, NoRec	?	4-12x		40	?	NO	60		15 moa	MOA	None! X-Hairs	SFP	None! X-Hairs		1"	16.4 464g	12.8" 33c	Wind. Turret Capped
Nikko Stirling: C-More X10 <small>No. NSCM22044</small>	410; ?	Life, O.Own	?	2-20x	47-5	44	22-2.2 calculated	Y	60	¼ moa	?	MOA≠	≠MIL	SFP	D	?	30	25.7 730g	13.3" 34c	
MTC: Viper Connect •Ret.: SCB2	400; —	Life ^{30d} R.O.Own	No	3-12x	61-17 super wide	24	?	Y	120	¼ inch	12 inch	SMOA=	=MOA	SFP ?x	D	?	30	21.2 600g	11.3" 29c	▲Super Short Eye Relief 1.2" (3cm)
MTC: Viper Connect •Ret.: SCB2 Requires special \$58 mount	400; —	Life ^{30d} R.O.Own	No	3-12x	61-17 super wide	32	?	Y	120	¼ inch	12 inch	SMOA=	=MOA	SFP ?x	D	?	30	22.9 650g	11.3" 29c	▲Super Short Eye Relief 1.2" (3cm)
UTG: Accushot T8 Tactical MOA Reticle <small>No. SCP3-215UMOA</small>	178; 230	Life	Yes!!	2-16x	44-6	44	22-2.7	Y	??	¼ inch	18 inch	SMOA=	=MOA	SFP 10x	D, N	?	30	22.6 641g	12.4" 32c	
UTG: Accushot OP3w/MOA Reticle <small>No. OP3-GM3124UMOA</small>	198; 240	Life	Yes!!	3-12x	32-10	44	13.0-3.9	Y	??	¼ moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.0 595g	10.1" 26c	Lockable Turrets
UTG: Accushot OP3w/MOA Reticle <small>No. OP3-GM4164UMOA</small>	210; 255	Life	Yes!!	4-14x	26-8	44	11.0-3.0	Y	??	¼ moa	24 moa	MOA=	=MOA	SFP 10x	D, N	?	30	21.5 610g	10.7" 27c	Lockable Turrets
UTG: Accushot Precision <small>No. SCP3-UG312AOIEW</small>	142; 180	Life	Yes!!	3-12x	34-9	44	13.0-3.9	Y	??	¼ moa	???	MOA≠	≠MIL	SFP 10x	D	?	30	22.7 643g	14.0" 36c	Lockable Turrets
UTG: Bugbuster •No. SCP-M312AOWQ = w/ Picatinny r. •No. SCP-M312AOD = w/ Dovetail r.	125; 130	Life	Yes!!	3-12x	31-10	32	10.6-2.7	NO	??	⅓" inch	24 inch	SMOA≠	≠MIL	SFP 10x	D	?	1"	12.7 360g	8.1" 21c	Min. Parallax: 3y Wire reticle
UTG: Bugbuster <small>No. SCP-M392AOD = w/ Dovetail rings</small>	110; 125	Life	Yes!!	3-9x	37-12	32	10.6-3.6	NO	??	⅓" inch	24 inch	SMOA≠	≠MIL	SFP 9x	D	?	1"	12.0 340g	7.9" 20c	Min. Parallax: 3y Wire reticle
UTG: Bugbuster •No. SCP-M392AOLWQ = red-green-blue IR + Picatinny rings Right side turret is IR! •No. SCP-M392AOLWQ = 36-color IR + Picatinny rings	79; 108	Life	Yes!!	3-9x	38-14	32	10.6-3.6	Y	??	¼" inch	18 inch	SMOA≠	≠MIL	SFP 9x	D	?	1"	14.0 397g	8.2" 21c	Min. Parallax: 3y ▲Front Parallax! Wire reticle
UTG: Bugbuster <small>No. OP3-GM3936TMOAB</small>	New in 2020	Life	Yes!!	3-9x	34-11	36	12-4	Y	??	½" moa✓	32? moa	MOA=	=MOA	SFP 9x	D, (N)	?	30	17.2 488g	8.2" 21c	Min. Parallax: 3y [etched glass reticle] ✓ Bubble Level
Optisan: EVX 3-12X44i (MIL-MH10X)	380; 430	Life	?	3-12x	37-9	44	14.7-4.0	Y	50	0.1 mil	4.8 mil!!!	MIL =	=MIL	SFP 10x	D, (N)		30	27.7 700g	13.3" 34c	T Revolution uneven 4.8 mil!
Hawke: Airmax 30 SF AMX IR <small>No. 13 300</small>	374; 429	Life, O.Own	Yes!!	3-12x	31-8	50	17.0-4.0	Y, N	95	¼ moa	15 moa	MOA≠	≠MIL	SFP	D	?	30	27.5 780g	13.6" 35c	
Vector: Veyron SFP <small>No. SCOM-24</small>	169; ?	5y	Yes!!	3-12x	35-9	44	14.6-3.6	N O	58	0.1 mil	6 mil	MIL =	=MIL	SFP	D	?	30	17.6 500g	9.7" 25c	Eye Relief: 9.0-8.5cm
Discovery: VT-3 3-12x44 SFP <small>No. 170612</small>	? 180	3y	Yes	3-12x	35-9	44	?	N O	68	0.1 mil	6 mil	MIL =	=MIL	SFP	D, N	?	30	18.4 521g	10.0" 25c	Locking Turrets Eye Relief: 9.8-5cm
Athlon: Talos Mildot <small>No. 215004</small>	150; 180	Life, NoRec	?	3-12x	34-9	40	13.6-3.4	N O	67	0.1 mil	6 mil	MIL =	=MIL	SFP	D	.05 ^{mi} .17 ^{mo}	1"	16.2 459g	12.0" 30c	Capped Turrets! BUT Clickable. T Turn Counter
Sightron: S-TAC 30MM <small>No. 793139-260130</small>	300; 390	Life	Yes!!	3-16x	32-6	42	?	N O	70	¼ moa	15 moa	MOA=	=MOA	SFP 16x	D	.02 ^{mi} .08 ^{mo}	30	23.5 666g	12.9" 33c	Capped Turrets! BUT Clickable T Turn Counter
Bushnell: Engage <small>No. REN21044DG</small>	250; 343	Life, NoRec.	?	25-10x	45-11	44	17.6-4.4	N O	50	¼ moa	15 moa	MOA=	=MOA	SFP	D		30	19.3 547g	13.5" 35c	

